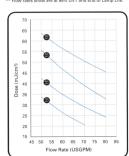## General

Colour-coded plug and play connections	Yes
UV intensity monitor with diagnostic test	Yes *(SV50 & SM80 models only)*
CoolTouch fan	Yes
Communications ports (two, RJ45)	Yes
Chamber material	316L SST
Rated service life of lamp	2 years
Inlet and outlet	2" MNPT

Controls

Audible alarm mute button	Yes
New lamp button	Yes
Lamp age indicator	Yes
Lamp operation indicator	Yes
Ballast operation indicator	Yes
Solenoid operation indicator	Yes
Fan operation indicator	Yes
Sensor reading indicator	Yes

Operating Parameters

Maximum operating pressure	100 PSI (689 kPa)
Minimum operating pressure	10 PSI (69 kPa)
Maximum ambient air temperature	104°F (40°C)
Minimum ambient air temperature	32°F (0°C)
Maximum humidity	100%
Maximum hardness	120 ppm (7 grains per gallon)
Maximum iron	0.3 ppm
Minimum UVT	85%
Installation	Vertical
Third Party Validation *(pending)*	USEPA UVDGM 2006
Other certifications	c UL us LISTED CE

	S80, SM80**	SV50*
Rated flow at dose of 30 mJ/cm²	80 GPM (303 LPM)	---
Rated flow at dose of 40 mJ/cm²	---	50 GPM (189 LPM)
Electrical		
Voltage	120-240V AC	120-240V AC
Frequency	50-60Hz	50-60Hz
Max. current	2.4 Amp	2.4 Amp
Max. power consumption	230 Watts	230 Watts
Lamp power consumption	200 Watts	200 Watts
Dimensions		
Chamber	41" x 4" 103 x 10 cm	41" x 4" 103 x 10 cm
Power Supply	13" x 6.5" 33 x 16.5 cm	13" x 6.5" 33 x 16.5 cm

*Flow rates shown are at 85% UVT and End of Lamp Life.
** Flow rates show are at 95% UVT and End of Lamp Life.

Warranty

The Sterilight® S80, SM80, and SV50 systems come with a full five year warranty against manufacturer's defects on the power supply and all electrical components; a ten year guarantee on the water chamber; and a one year warranty on lamps and UV intensity monitors.